

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4718249

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RONALD A. VACCARO	11/27/2017
AVIRAL JOSHI	11/28/2017
TAIG S. RAJPAL	11/29/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMMSCOPE TECHNOLOGIES LLC
<b>Street Address:</b>	1100 COMMSCOPE PLACE SE
<b>City:</b>	HICKORY
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28602
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15819647
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)854-1401
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	919 854 1400
<b>Email:</b>	bmedlin@myersbigel.com
<b>Correspondent Name:</b>	MYERS BIGEL, P.A.
<b>Address Line 1:</b>	P.O. BOX 37428
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27627
<b>ATTORNEY DOCKET NUMBER:</b>	9833-1141
<b>NAME OF SUBMITTER:</b>	BETTY-LOU MEDLIN
<b>SIGNATURE:</b>	/bettyloumedlin/
<b>DATE SIGNED:</b>	12/05/2017
<b>Total Attachments: 4</b>	
source=98331141Assn#page1.tif	
source=98331141Assn#page2.tif	
source=98331141Assn#page3.tif	
source=98331141Assn#page4.tif	

## ASSIGNMENT

THIS ASSIGNMENT, made by us, **Ronald A. Vaccaro**, a citizen of the United States of America, residing in Taylorsville, North Carolina; **Aviral Joshi**, residing in Chicago, Illinois; and **Taig S. Rajpal**, residing in Chicago, Illinois;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **HANGER FOR MOUNTING MULTIPLE CABLES** for which U.S. Patent Application No. 15/819,647 was filed on November 21, 2017; and

WHEREAS, **CommScope Technologies LLC**, a North Carolina corporation having a principal place of business at 1100 CommScope Place SE, Hickory, North Carolina 28602, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention application, and in and to any and all subsequent patent applications which claim the benefit of priority from said application including regular utility, continuations, and continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted for the invention in or on applications claiming the benefit of priority from said application, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the benefit of priority from said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 27<sup>th</sup> day of November, 2017.

  
\_\_\_\_\_  
Ronald A. Vaccaro (SEAL)

STATE OF NC )  
COUNTY OF Catawba )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 27<sup>th</sup> day of November, 2017.

  
\_\_\_\_\_  
Notary Public

SEAL  
My Commission Expires: 9-11-2021



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 28<sup>th</sup> day of  
NOVEMBER, 2017.

  
Aviral Joshi

(SEAL)

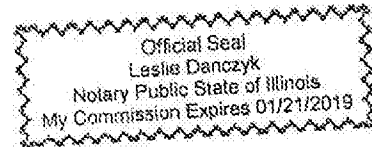
STATE OF ILLINOIS )  
 )  
COUNTY OF COOK )

Before me personally appeared the person described in and who executed the foregoing  
instrument, and he acknowledged to me that he executed the same for the purposes therein  
stated, this 28 day of November, 2017.


  
Notary Public

SEAL

My Commission Expires: 1/21/2019



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29 day of  
November, 2017.

  
\_\_\_\_\_  
Taig S. Rajpal

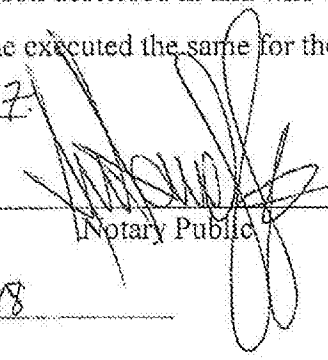
(SEAL)

STATE OF IL )

COUNTY OF COOK )

Before me personally appeared the person described in and who executed the foregoing  
instrument, and he acknowledged to me that he executed the same for the purposes therein stated,  
this 29 day of NOVEMBER, 2017.

OFFICIAL SEAL  
ANTHONY ANDERSON  
NOTARY PUBLIC - STATE OF ILLINOIS  
MY COMMISSION EXPIRES: 12/31/18

  
\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires: 12/01/2018